

Waste Disposal Interpretations

Sanitary Facilities

The nature of the soil is important in selecting sites for sanitary facilities, and in identifying limiting soil properties and site features to be considered in planning, design, and installation. Soil limitations ratings of slight, moderate, or severe are given for septic tank absorption fields, sewage lagoons, and trench and area type sanitary landfills. Soil suitability ratings of good, fair, and poor are given for daily cover for landfills. Limitations or suitability terms used in this subsection are as follows:

SLIGHT (or Good) - relatively free of limitations or limitations are easily overcome.

MODERATE (or Fair) - limitations need to be recognized, but usually can be overcome with good management or special design.

SEVERE (or Poor or Very Poor) - limitations are difficult or impractical to overcome.

Sanitary Facility Type

SEPTIC TANK ABSORPTION FIELDS are subsurface systems of tile or perforated pipe that distribute effluent from a septic tank into the natural soil. The centerline depth of the tile is assumed to be at a depth of 24 inches. Only the soil between depths of 24 and 60 inches is considered in making the ratings. The soil properties and site features considered are those that affect the absorption of the effluent, those that affect the construction and maintenance of the system, and those that may affect public health.

SEWAGE LAGOONS are shallow ponds constructed to hold sewage while aerobic bacteria decompose the solid and liquid wastes. Lagoons have a nearly level floor surrounded by cut slopes or embankments of compacted, relatively impervious soil material.

AEROBIC LAGOONS generally are designed so that the depth of sewage is 2 to 5 feet. Relatively impervious soil for the lagoon floor and sides is desirable to minimize seepage and contamination of local ground water.

SANITARY LANDFILL (TRENCH) is a method of disposing of solid waste by placing refuse in successive layers in an excavated trench. The waste is spread, compacted, and covered daily with a thin layer of soil that is excavated from the trench. When the trench is full, a final cover of soil material at least 2 feet thick is placed over the landfill. Properties that influence risk of pollution, ease of excavation, trafficability, and revegetation are major considerations.

SANITARY LANDFILL (AREA) is a method of disposing of solid waste by placing refuse in successive layers on the surface of the soil. The waste is spread, compacted, and covered daily with a thin layer of soil that is imported from a source away from the site. A final cover of soil at least 2 feet thick is placed over the completed landfill. Properties

that influence trafficability, revegetation, and risk of pollution are the main considerations for area type sanitary landfills.

DAILY COVER FOR LANDFILL is the sod material that is applied daily to compacted solid waste in an area type sanitary landfill. The cover material is obtained off-site, transported, and spread on the area. Suitability of a soil for use as cover is based on properties that reflect workability and the ease of digging and of moving and spreading the material over the refuse daily during both wet and dry periods.

Waste Management

The nature of the soil is also important in the application of organic wastes and wastewater to land as fertilizers and irrigation; it is also important when the soil is used as a medium for treatment and disposal of these wastes. Favorable soil properties are required to prevent environmental damage.

The use of organic wastes and wastewater as production resources will result in energy conservation, prevent the waste of these important resources, and prevent problems associated with their disposal. Where disposal is the goal, and a maximum amount is disposed in a minimum area to hold costs to a minimum, risk of environmental damage is the principal constraint. Where the reuse goal is pursued, and a minimum amount is applied to a maximum area to obtain the greatest benefit, environmental damage is unlikely.

This section includes:

- **(a) Sanitary Facilities**
- **(a) Waste Management**

Cape Girardeau, Mississippi and Scott Counties, Missouri: Detailed Soil Map Legend

Sanitary Facilities

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Map symbol and soil name	Septic tank absorption field		Sewage lagoons		Sanitary landfill (trench)		Sanitary landfill (area)		Daily cover for landfill	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
11C: Peridge-----	Slightly limited ~percs slowly (slightly limited)	0.25	Limited ~slope (limited) ~seepage (moderately limited)	0.91 0.50	Limited ~too clayey (limited) ~too acid (slightly limited)	0.80 0.12	Not limited		Moderately limited ~too clayey (moderately limited) ~too acid (slightly limited)	0.60 0.12
11D: Peridge-----	Limited ~slope (limited) ~percs slowly (slightly limited)	0.63 0.25	Very limited ~slope (very limited) ~seepage (moderately limited)	1.00 0.50	Limited ~too clayey (limited) ~slope (limited) ~too acid (slightly limited)	0.80 0.63 0.12	Limited ~slope (limited)	0.63	Limited ~slope (limited) ~too clayey (moderately limited) ~too acid (slightly limited)	0.63 0.60 0.12
11E: Peridge-----	Very limited ~slope (very limited) ~percs slowly (slightly limited)	1.00 0.25	Very limited ~slope (very limited) ~seepage (moderately limited)	1.00 0.50	Very limited ~slope (very limited) ~too clayey (limited) ~too acid (slightly limited)	1.00 0.80 0.12	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited) ~too clayey (moderately limited) ~too acid (slightly limited)	1.00 0.60 0.12
12A: Elsah, FREQUENTLY FLOODED-----	Very limited ~flooding (very limited)	 1.00	Very limited ~flooding (very limited) ~seepage (very limited)	 1.00 1.00	Very limited ~flooding (very limited) ~seepage (limited) ~large stones (slightly limited)	 1.00 0.79 0.00	Very limited ~flooding (very limited) ~seepage (limited)	 1.00 0.75	Moderately limited ~seepage (moderately limited)	 0.50

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Map symbol and soil name	Septic tank absorption field		Sewage lagoons		Sanitary landfill (trench)		Sanitary landfill (area)		Daily cover for landfill	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
13: Haymond, FREQUENTLY FLOODED-----	Very limited		Very limited		Very limited		Very limited		Not limited	
	~flooding (very limited)	1.00	~flooding (very limited)	1.00	~flooding (very limited)	1.00	~flooding (very limited)	1.00		
	~percs slowly (slightly limited)	0.25	~seepage (moderately limited)	0.50						
14E: Holstein-----	Very limited		Very limited		Very limited		Very limited		Very limited	
	~slope (very limited)	1.00	~slope (very limited)	1.00	~slope (very limited)	1.00	~slope (very limited)	1.00	~slope (very limited)	1.00
	~percs slowly (slightly limited)	0.25	~seepage (moderately limited)	0.50	~too clayey (slightly limited)	0.15			~too acid (slightly limited)	0.12
					~too acid (slightly limited)	0.12			~too clayey (slightly limited)	0.03
15B: Iva-----	Very limited		Very limited		Limited		Limited		Moderately limited	
	~wetness (very limited)	1.00	~wetness (very limited)	1.00	~wetness (limited)	0.99	~wetness (limited)	0.80	~wetness (moderately limited)	0.50
	~percs slowly (limited)	0.94	~seepage (moderately limited)	0.50	~too clayey (slightly limited)	0.04				
			~slope (moderately limited)	0.31						
16B: Menfro-----	Slightly limited		Moderately limited		Slightly limited		Not limited		Not limited	
	~percs slowly (slightly limited)	0.25	~seepage (moderately limited)	0.50	~too clayey (slightly limited)	0.11				
			~slope (moderately limited)	0.31						

Cape Girardeau, Mississippi and Scott Counties, Missouri: Detailed Soil Map Legend

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Map symbol and soil name	Septic tank absorption field		Sewage lagoons		Sanitary landfill (trench)		Sanitary landfill (area)		Daily cover for landfill	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
16C: Menfro-----	Slightly limited ~percs slowly (slightly limited)	0.25	Very limited ~slope (very limited) ~seepage (moderately limited)	1.00 0.50	Slightly limited ~too clayey (slightly limited)	0.11	Not limited		Not limited	
16D: Menfro-----	Limited ~slope (limited) ~percs slowly (slightly limited)	0.63 0.25	Very limited ~slope (very limited) ~seepage (moderately limited)	1.00 0.50	Limited ~slope (limited) ~too clayey (slightly limited)	0.63 0.11	Limited ~slope (limited)	0.63	Limited ~slope (limited)	0.63
16E: Menfro-----	Very limited ~slope (very limited) ~percs slowly (slightly limited)	1.00 0.25	Very limited ~slope (very limited) ~seepage (moderately limited)	1.00 0.50	Very limited ~slope (very limited) ~too clayey (slightly limited)	1.00 0.11	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00
17F: Menfro-----	Very limited ~slope (very limited) ~percs slowly (slightly limited)	1.00 0.25	Very limited ~slope (very limited) ~seepage (moderately limited)	1.00 0.50	Very limited ~slope (very limited) ~too clayey (slightly limited)	1.00 0.11	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00
Clarksville----	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited) ~seepage (very limited)	1.00 1.00	Very limited ~slope (very limited) ~too clayey (limited) ~seepage (limited)	1.00 0.95 0.79	Very limited ~slope (very limited) ~seepage (limited)	1.00 0.75	Very limited ~slope (very limited) ~small stones >35% (very limited) ~too clayey (limited)	1.00 1.00 0.89

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Map symbol and soil name	Septic tank absorption field		Sewage lagoons		Sanitary landfill (trench)		Sanitary landfill (area)		Daily cover for landfill	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
18D: Menfro-----	Limited ~slope (limited) ~percs slowly (slightly limited)	0.63 0.25	Very limited ~slope (very limited) ~seepage (moderately limited)	1.00 0.50	Limited ~slope (limited) ~too clayey (slightly limited)	0.63 0.11	Limited ~slope (limited)	0.63	Limited ~slope (limited)	0.63
Bucklick-----	Very limited ~percs slowly (very limited) ~slope (limited) ~depth to bedrock (moderately limited)	1.00 0.63 0.50	Very limited ~slope (very limited) ~depth to bedrock (moderately limited) ~seepage (moderately limited)	1.00 0.50 0.50	Very limited ~depth to bedrock (very limited) ~slope (limited) ~too clayey (limited)	1.00 0.63 0.62	Limited ~slope (limited) ~depth to bedrock (moderately limited)	0.63 0.36	Limited ~hard to pack (limited) ~slope (limited) ~depth to bedrock (moderately limited)	0.70 0.63 0.36
18E: Menfro-----	Very limited ~slope (very limited) ~percs slowly (slightly limited)	1.00 0.25	Very limited ~slope (very limited) ~seepage (moderately limited)	1.00 0.50	Very limited ~slope (very limited) ~too clayey (slightly limited)	1.00 0.11	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00
Bucklick-----	Very limited ~slope (very limited) ~percs slowly (slightly limited) ~depth to bedrock (slightly limited)	1.00 0.25 0.17	Very limited ~slope (very limited) ~seepage (moderately limited) ~depth to bedrock (slightly limited)	1.00 0.50 0.17	Very limited ~depth to bedrock (very limited) ~slope (very limited) ~too clayey (limited)	1.00 1.00 0.62	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited) ~hard to pack (limited) ~too clayey (moderately limited)	1.00 0.70 0.33
19D: Menfro-----	Limited ~slope (limited) ~percs slowly (slightly limited)	0.63 0.25	Very limited ~slope (very limited) ~seepage (moderately limited)	1.00 0.50	Limited ~slope (limited) ~too clayey (slightly limited)	0.63 0.11	Limited ~slope (limited)	0.63	Limited ~slope (limited)	0.63

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Map symbol and soil name	Septic tank absorption field		Sewage lagoons		Sanitary landfill (trench)		Sanitary landfill (area)		Daily cover for landfill	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
19D: (cont)										
Holstein-----	Limited ~slope (limited)	0.63	Very limited ~slope (very limited)	1.00	Limited ~slope (limited)	0.63	Limited ~slope (limited)	0.63	Limited ~slope (limited)	0.63
	~percs slowly (slightly limited)	0.25	~seepage (moderately limited)	0.50	~too clayey (slightly limited)	0.15			~too acid (slightly limited)	0.12
					~too acid (slightly limited)	0.12			~too clayey (slightly limited)	0.03
19E:										
Menfro-----	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00
	~percs slowly (slightly limited)	0.25	~seepage (moderately limited)	0.50	~too clayey (slightly limited)	0.11				
Holstein-----	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00
	~percs slowly (slightly limited)	0.25	~seepage (moderately limited)	0.50	~too clayey (slightly limited)	0.15			~too acid (slightly limited)	0.12
					~too acid (slightly limited)	0.12			~too clayey (slightly limited)	0.03
20E:										
Poynor-----	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00
	~percs slowly (slightly limited)	0.25	~seepage (moderately limited)	0.50	~too clayey (limited)	0.70			~hard to pack (limited)	0.70
	~large stones (slightly limited)	0.00	~large stones (slightly limited)	0.01	~too acid (moderately limited)	0.42			~too clayey (moderately limited)	0.45

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Map symbol and soil name	Septic tank absorption field		Sewage lagoons		Sanitary landfill (trench)		Sanitary landfill (area)		Daily cover for landfill	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
21D: Menfro-----	Limited ~slope (limited) ~percs slowly (slightly limited)	0.84 0.25	Very limited ~slope (very limited) ~seepage (moderately limited)	1.00 0.50	Limited ~slope (limited) ~too clayey (slightly limited)	0.84 0.11	Limited ~slope (limited)	0.84	Limited ~slope (limited)	0.84
Bucklick-----	Very limited ~percs slowly (very limited) ~slope (limited) ~depth to bedrock (moderately limited)	1.00 0.84 0.50	Very limited ~slope (very limited) ~depth to bedrock (moderately limited) ~seepage (moderately limited)	1.00 0.50 0.50	Very limited ~depth to bedrock (very limited) ~slope (limited) ~too clayey (limited)	1.00 0.84 0.62	Limited ~slope (limited) ~depth to bedrock (moderately limited)	0.84 0.36	Limited ~slope (limited) ~hard to pack (limited) ~depth to bedrock (moderately limited)	0.84 0.70 0.36
22: Wilbur, FREQUENTLY FLOODED-----	Very limited ~flooding (very limited) ~wetness (moderately limited) ~percs slowly (slightly limited)	1.00 0.45 0.25	Very limited ~flooding (very limited) ~seepage (moderately limited) ~wetness (slightly limited)	1.00 0.50 0.17	Very limited ~flooding (very limited) ~wetness (slightly limited)	1.00 0.23	Very limited ~flooding (very limited)	1.00	Not limited	
23: Wakeland, FREQUENTLY FLOODED-----	Very limited ~flooding (very limited) ~wetness (very limited) ~percs slowly (slightly limited)	1.00 1.00 0.25	Very limited ~flooding (very limited) ~wetness (very limited) ~seepage (moderately limited)	1.00 1.00 0.50	Very limited ~flooding (very limited) ~wetness (limited)	1.00 0.99	Very limited ~flooding (very limited) ~wetness (limited)	1.00 0.80	Moderately limited ~wetness (moderately limited)	0.50

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Map symbol and soil name	Septic tank absorption field		Sewage lagoons		Sanitary landfill (trench)		Sanitary landfill (area)		Daily cover for landfill	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
31: Adler, RARELY FLOODED-----	Very limited		Very limited		Limited		Limited		Moderately limited	
	~wetness (very limited)	1.00	~wetness (very limited)	1.00	~wetness (limited)	0.79	~wetness (limited)	0.60	~wetness (moderately limited)	0.40
	~flooding (rare) (moderately limited)	0.60	~seepage (moderately limited)	0.50	~flooding (rare) (moderately limited)	0.60	~flooding (rare) (moderately limited)	0.60		
	~percs slowly (slightly limited)	0.25								
32: Allemands, FREQUENTLY FLOODED-----	Very limited		Very limited		Very limited		Very limited		Very limited	
	~ponded (wetness) (very limited)	1.00	~flooding (very limited)	1.00	~ponded (wetness) (very limited)	1.00	~flooding (very limited)	1.00	~ponded (wetness) (very limited)	1.00
	~wetness (very limited)	1.00	~ponded (wetness) (very limited)	1.00	~wetness (very limited)	1.00	~wetness (very limited)	1.00	~wetness (very limited)	1.00
	~flooding (very limited)	1.00	~seepage (very limited)	1.00	~flooding (very limited)	1.00	~ponded (wetness) (very limited)	1.00	~seepage (very limited)	1.00
33: Alligator, RARELY FLOODED	Very limited		Very limited		Very limited		Very limited		Very limited	
	~wetness (very limited)	1.00	~wetness (very limited)	1.00	~wetness (very limited)	1.00	~wetness (very limited)	1.00	~too clayey (very limited)	1.00
	~percs slowly (very limited)	1.00			~too clayey (very limited)	1.00	~flooding (rare) (moderately limited)	0.60	~wetness (limited)	0.99
	~flooding (rare) (moderately limited)	0.60			~flooding (rare) (moderately limited)	0.60			~hard to pack (limited)	0.70
34: Beulah-----	Very limited		Very limited		Very limited		Limited		Moderately limited	
	~poor filter (very limited)	1.00	~seepage (very limited)	1.00	~seepage (very limited)	1.00	~seepage (limited)	0.75	~seepage (moderately limited)	0.50

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Map symbol and soil name	Septic tank absorption field		Sewage lagoons		Sanitary landfill (trench)		Sanitary landfill (area)		Daily cover for landfill	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
35: Diehlstadt, OCCASIONALLY FLOODED-----	Very limited		Very limited		Very limited		Very limited		Very limited	
	~wetness (very limited)	1.00	~flooding (very limited)	1.00	~flooding (very limited)	1.00	~flooding (very limited)	1.00	~seepage (very limited)	1.00
	~flooding (very limited)	1.00	~seepage (very limited)	1.00	~too sandy (very limited)	1.00	~seepage (very limited)	1.00	~too sandy (very limited)	1.00
	~poor filter (very limited)	1.00			~seepage (very limited)	1.00	~wetness (limited)	0.99	~wetness (moderately limited)	0.60
36: Bosket-----	Slightly limited ~percs slowly (slightly limited)	0.25	Very limited ~seepage (very limited)	1.00	Limited ~seepage (limited)	0.79	Limited ~seepage (limited)	0.75	Not limited	
37A: Bowdre, RARELY FLOODED-----	Very limited		Very limited		Very limited		Limited		Moderately limited	
	~wetness (very limited)	1.00	~wetness (very limited)	1.00	~wetness (very limited)	1.00	~wetness (limited)	0.89	~wetness (moderately limited)	0.55
	~percs slowly (limited)	0.71	~seepage (very limited)	1.00	~seepage (limited)	0.79	~flooding (rare) (moderately limited)	0.60		
	~flooding (rare) (moderately limited)	0.60			~flooding (rare) (moderately limited)	0.60				
38A: Broseley-----	Very limited		Very limited		Very limited		Very limited		Very limited	
	~poor filter (very limited)	1.00	~seepage (very limited)	1.00	~seepage (very limited)	1.00	~seepage (very limited)	1.00	~seepage (very limited)	1.00
					~too sandy (moderately limited)	0.60			~too sandy (moderately limited)	0.60

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Map symbol and soil name	Septic tank absorption field		Sewage lagoons		Sanitary landfill (trench)		Sanitary landfill (area)		Daily cover for landfill	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
39: Cairo, FREQUENTLY FLOODED-----	Very limited		Very limited		Very limited		Very limited		Very limited	
	~wetness (very limited)	1.00	~flooding (very limited)	1.00	~flooding (very limited)	1.00	~flooding (very limited)	1.00	~seepage (very limited)	1.00
	~flooding (very limited)	1.00	~seepage (very limited)	1.00	~seepage (very limited)	1.00	~seepage (very limited)	1.00	~wetness (very limited)	1.00
	~percs slowly (very limited)	1.00			~wetness (very limited)	1.00	~wetness (very limited)	1.00	~too sandy (moderately limited)	0.60
40: Clana-----	Very limited		Very limited		Very limited		Very limited		Very limited	
	~wetness (very limited)	1.00	~seepage (very limited)	1.00	~seepage (very limited)	1.00	~seepage (very limited)	1.00	~seepage (very limited)	1.00
	~poor filter (very limited)	1.00			~wetness (limited)	0.79	~wetness (limited)	0.60	~too sandy (moderately limited)	0.60
					~too sandy (moderately limited)	0.60			~wetness (moderately limited)	0.40
41A: Caruthersville, RARELY FLOODED	Very limited		Very limited		Limited		Limited		Moderately limited	
	~wetness (very limited)	1.00	~wetness (very limited)	1.00	~wetness (limited)	0.79	~wetness (limited)	0.60	~wetness (moderately limited)	0.40
	~flooding (rare) (moderately limited)	0.60	~seepage (moderately limited)	0.50	~flooding (rare) (moderately limited)	0.60	~flooding (rare) (moderately limited)	0.60		
	~percs slowly (slightly limited)	0.25								

Cape Girardeau, Mississippi and Scott Counties, Missouri: Detailed Soil Map Legend

Sanitary Facilities

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Map symbol and soil name	Septic tank absorption field		Sewage lagoons		Sanitary landfill (trench)		Sanitary landfill (area)		Daily cover for landfill	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
42: Commerce, RARELY FLOODED	Very limited		Very limited		Limited		Moderately limited		Moderately limited	
	~wetness (very limited)	1.00	~wetness (very limited)	1.00	~wetness (limited)	0.69	~flooding (rare) (moderately limited)	0.60	~wetness (moderately limited)	0.35
	~flooding (rare) (moderately limited)	0.60	~seepage (moderately limited)	0.32	~flooding (rare) (moderately limited)	0.60	~wetness (moderately limited)	0.44		
	~percs slowly (slightly limited)	0.30			~too clayey (slightly limited)	0.23				
43: Cooter, OCCASIONALLY FLOODED-----	Very limited		Very limited		Very limited		Very limited		Very limited	
	~flooding (very limited)	1.00	~flooding (very limited)	1.00	~flooding (very limited)	1.00	~flooding (very limited)	1.00	~seepage (very limited)	1.00
	~wetness (very limited)	1.00	~seepage (very limited)	1.00	~seepage (very limited)	1.00	~seepage (very limited)	1.00	~too sandy (moderately limited)	0.60
	~poor filter (very limited)	1.00			~wetness (limited)	0.79	~wetness (limited)	0.60	~wetness (moderately limited)	0.40
44: Crevasse, FREQUENTLY FLOODED-----	Very limited		Very limited		Very limited		Very limited		Very limited	
	~flooding (very limited)	1.00	~flooding (very limited)	1.00	~flooding (very limited)	1.00	~flooding (very limited)	1.00	~seepage (very limited)	1.00
	~poor filter (very limited)	1.00	~seepage (very limited)	1.00	~too sandy (very limited)	1.00	~seepage (very limited)	1.00	~too sandy (very limited)	1.00
	~wetness (moderately limited)	0.37			~seepage (very limited)	1.00				

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Map symbol and soil name	Septic tank absorption field		Sewage lagoons		Sanitary landfill (trench)		Sanitary landfill (area)		Daily cover for landfill	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
45: Diehlstadt, OCCASIONALLY FLOODED-----	Very limited		Very limited		Very limited		Very limited		Very limited	
	~wetness (very limited)	1.00	~flooding (very limited)	1.00	~flooding (very limited)	1.00	~flooding (very limited)	1.00	~seepage (very limited)	1.00
	~flooding (very limited)	1.00	~seepage (very limited)	1.00	~too sandy (very limited)	1.00	~seepage (very limited)	1.00	~too sandy (very limited)	1.00
	~poor filter (very limited)	1.00			~seepage (very limited)	1.00	~wetness (limited)	0.99	~wetness (moderately limited)	0.60
46: Dubbs-----	Very limited		Very limited		Very limited		Limited		Very limited	
	~poor filter (very limited)	1.00	~seepage (very limited)	1.00	~too sandy (very limited)	1.00	~seepage (limited)	0.75	~seepage (very limited)	1.00
	~percs slowly (slightly limited)	0.25			~seepage (very limited)	1.00			~too sandy (very limited)	1.00
					~too acid (slightly limited)	0.12			~too acid (slightly limited)	0.12
47: Dundee-----	Very limited		Very limited		Limited		Moderately limited		Moderately limited	
	~wetness (very limited)	1.00	~wetness (very limited)	1.00	~wetness (limited)	0.78	~wetness (moderately limited)	0.58	~wetness (moderately limited)	0.39
	~percs slowly (limited)	0.71	~seepage (moderately limited)	0.50	~too acid (slightly limited)	0.12			~too acid (slightly limited)	0.12
48: Farrenburg, RARELY FLOODED	Very limited		Very limited		Very limited		Limited		Moderately limited	
	~wetness (very limited)	1.00	~wetness (very limited)	1.00	~seepage (very limited)	1.00	~wetness (limited)	0.60	~wetness (moderately limited)	0.40
	~poor filter (very limited)	1.00	~seepage (very limited)	1.00	~wetness (limited)	0.79	~flooding (rare) (moderately limited)	0.60		
	~flooding (rare) (moderately limited)	0.60			~flooding (rare) (moderately limited)	0.60				

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Sanitary Facilities

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Map symbol and soil name	Septic tank absorption field		Sewage lagoons		Sanitary landfill (trench)		Sanitary landfill (area)		Daily cover for landfill	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
49: Jackport-----	Very limited ~wetness (very limited) ~percs slowly (very limited)	1.00 1.00	Very limited ~wetness (very limited)	1.00	Very limited ~wetness (very limited) ~too clayey (very limited) ~too acid (slightly limited)	1.00 1.00 0.30	Very limited ~wetness (very limited)	1.00	Very limited ~wetness (very limited) ~too clayey (very limited) ~hard to pack (limited)	1.00 1.00 0.70
50: Lilbourn, RARELY FLOODED	Very limited ~wetness (very limited) ~poor filter (very limited) ~flooding (rare) (moderately limited)	1.00 1.00 0.60	Very limited ~seepage (very limited) ~wetness (moderately limited)	1.00 0.50	Very limited ~wetness (very limited) ~seepage (very limited) ~flooding (rare) (moderately limited)	1.00 1.00 0.60	Very limited ~wetness (very limited) ~seepage (limited) ~flooding (rare) (moderately limited)	1.00 0.75 0.60	Limited ~wetness (limited) ~seepage (moderately limited)	0.99 0.50
51A: Malden-----	Very limited ~poor filter (very limited)	1.00	Very limited ~seepage (very limited)	1.00	Very limited ~seepage (very limited) ~too sandy (moderately limited)	1.00 0.60	Very limited ~seepage (very limited)	1.00	Very limited ~seepage (very limited) ~too sandy (moderately limited)	1.00 0.60
52B: Memphis-----	Slightly limited ~percs slowly (slightly limited)	0.25	Moderately limited ~seepage (moderately limited) ~slope (moderately limited)	0.50 0.31	Slightly limited ~too acid (slightly limited) ~too clayey (slightly limited)	0.12 0.02	Not limited		Slightly limited ~too acid (slightly limited)	0.12

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Map symbol and soil name	Septic tank absorption field		Sewage lagoons		Sanitary landfill (trench)		Sanitary landfill (area)		Daily cover for landfill	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
52C: Memphis-----	Slightly limited ~percs slowly (slightly limited)	0.25	Very limited ~slope (very limited) ~seepage (moderately limited)	1.00 0.50	Slightly limited ~too acid (slightly limited) ~too clayey (slightly limited)	0.12 0.02	Not limited		Slightly limited ~too acid (slightly limited)	0.12
52D3: Memphis, SEVERELY ERODED-----	Limited ~slope (limited) ~percs slowly (slightly limited)	 0.84 0.25	Very limited ~slope (very limited) ~seepage (moderately limited)	 1.00 0.50	Limited ~slope (limited) ~too acid (slightly limited) ~too clayey (slightly limited)	 0.84 0.12 0.02	Limited ~slope (limited)	0.84	Limited ~slope (limited) ~too acid (slightly limited)	 0.84 0.12
52E3: Memphis, SEVERELY ERODED-----	Very limited ~slope (very limited) ~percs slowly (slightly limited)	 1.00 0.25	Very limited ~slope (very limited) ~seepage (moderately limited)	 1.00 0.50	Very limited ~slope (very limited) ~too acid (slightly limited) ~too clayey (slightly limited)	 1.00 0.12 0.02	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited) ~too acid (slightly limited)	 1.00 0.12
53: Mhoon, RARELY FLOODED-----	Very limited ~wetness (very limited) ~percs slowly (limited) ~flooding (rare) (moderately limited)	 1.00 0.93 0.60	Very limited ~wetness (very limited)	 1.00	Very limited ~wetness (very limited) ~flooding (rare) (moderately limited) ~too clayey (slightly limited)	 1.00 0.60 0.04	Limited ~wetness (limited) ~flooding (rare) (moderately limited)	 0.99 0.60	Limited ~hard to pack (limited) ~wetness (moderately limited)	 0.70 0.60

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Map symbol and soil name	Septic tank absorption field		Sewage lagoons		Sanitary landfill (trench)		Sanitary landfill (area)		Daily cover for landfill	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
54: Reelfoot, RARELY FLOODED	Very limited		Very limited		Limited		Limited		Moderately limited	
	~wetness (very limited)	1.00	~wetness (very limited)	1.00	~wetness (limited)	0.99	~wetness (limited)	0.80	~wetness (moderately limited)	0.50
	~flooding (rare) (moderately limited)	0.60	~seepage (moderately limited)	0.50	~flooding (rare) (moderately limited)	0.60	~flooding (rare) (moderately limited)	0.60		
	~percs slowly (slightly limited)	0.25								
55: Roellen, OCCASIONALLY FLOODED-----	Very limited		Very limited		Very limited		Very limited		Very limited	
	~wetness (very limited)	1.00	~flooding (very limited)	1.00	~wetness (very limited)	1.00	~flooding (very limited)	1.00	~wetness (very limited)	1.00
	~flooding (very limited)	1.00	~wetness (very limited)	1.00	~flooding (very limited)	1.00	~wetness (very limited)	1.00	~hard to pack (limited)	0.70
	~percs slowly (limited)	0.93	~seepage (slightly limited)	0.18	~too clayey (limited)	0.80			~too clayey (moderately limited)	0.60
56E: Saffell-----	Very limited		Very limited		Very limited		Very limited		Very limited	
	~slope (very limited)	1.00	~slope (very limited)	1.00	~slope (very limited)	1.00	~slope (very limited)	1.00	~slope (very limited)	1.00
	~percs slowly (slightly limited)	0.25	~seepage (very limited)	1.00	~seepage (limited)	0.72			~small stones >35% (very limited)	1.00
					~too acid (slightly limited)	0.30			~too acid (slightly limited)	0.30
57B: Scotco-----	Very limited		Very limited		Very limited		Very limited		Very limited	
	~poor filter (very limited)	1.00	~seepage (very limited)	1.00	~too sandy (very limited)	1.00	~seepage (very limited)	1.00	~seepage (very limited)	1.00
					~seepage (very limited)	1.00			~too sandy (very limited)	1.00

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Map symbol and soil name	Septic tank absorption field		Sewage lagoons		Sanitary landfill (trench)		Sanitary landfill (area)		Daily cover for landfill	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
57C: Scotco-----	Very limited ~poor filter (very limited)	1.00	Very limited ~seepage (very limited) ~slope (very limited)	1.00	Very limited ~too sandy (very limited) ~seepage (very limited)	1.00	Very limited ~seepage (very limited)	1.00	Very limited ~seepage (very limited) ~too sandy (very limited)	1.00
58: Sharkey, RARELY FLOODED-----	Very limited ~wetness (very limited) ~percs slowly (very limited) ~flooding (rare) (moderately limited)	1.00 1.00 0.60	Very limited ~wetness (very limited)	1.00	Very limited ~too clayey (very limited) ~wetness (very limited) ~flooding (rare) (moderately limited)	1.00 1.00 0.60	Very limited ~wetness (very limited) ~flooding (rare) (moderately limited)	1.00 0.60	Very limited ~too clayey (very limited) ~wetness (limited) ~hard to pack (limited)	1.00 0.99 0.70
59: Sharkey, RARELY FLOODED-----	Very limited ~wetness (very limited) ~percs slowly (very limited) ~flooding (rare) (moderately limited)	1.00 1.00 0.60	Very limited ~wetness (very limited)	1.00	Very limited ~too clayey (very limited) ~wetness (very limited) ~flooding (rare) (moderately limited)	1.00 1.00 0.60	Very limited ~wetness (very limited) ~flooding (rare) (moderately limited)	1.00 0.60	Very limited ~too clayey (very limited) ~wetness (limited) ~hard to pack (limited)	1.00 0.99 0.70
60: Sharkey, RARELY FLOODED-----	Very limited ~wetness (very limited) ~percs slowly (very limited) ~flooding (rare) (moderately limited)	1.00 1.00 0.60	Very limited ~wetness (very limited)	1.00	Very limited ~too clayey (very limited) ~wetness (very limited) ~flooding (rare) (moderately limited)	1.00 1.00 0.60	Very limited ~wetness (very limited) ~flooding (rare) (moderately limited)	1.00 0.60	Very limited ~too clayey (very limited) ~wetness (limited) ~hard to pack (limited)	1.00 0.99 0.70

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Map symbol and soil name	Septic tank absorption field		Sewage lagoons		Sanitary landfill (trench)		Sanitary landfill (area)		Daily cover for landfill	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
60: (cont) Steele, RARELY FLOODED-----	Very limited		Very limited		Limited		Very limited		Limited	
	~wetness (very limited)	1.00	~wetness (very limited)	1.00	~wetness (limited)	0.89	~seepage (very limited)	1.00	~hard to pack (limited)	0.70
	~percs slowly (limited)	0.93	~seepage (very limited)	1.00	~too clayey (limited)	0.65	~wetness (limited)	0.69	~wetness (moderately limited)	0.45
	~flooding (rare) (moderately limited)	0.60			~flooding (rare) (moderately limited)	0.60	~flooding (rare) (moderately limited)	0.60	~too clayey (moderately limited)	0.38
61: Sikeston, FREQUENTLY FLOODED-----	Very limited		Very limited		Very limited		Very limited		Very limited	
	~wetness (very limited)	1.00	~flooding (very limited)	1.00	~wetness (very limited)	1.00	~flooding (very limited)	1.00	~wetness (very limited)	1.00
	~flooding (very limited)	1.00	~wetness (very limited)	1.00	~flooding (very limited)	1.00	~wetness (very limited)	1.00		
	~poor filter (very limited)	1.00	~seepage (very limited)	1.00	~seepage (very limited)	1.00				
62: Steele, RARELY FLOODED-----	Very limited		Very limited		Limited		Very limited		Limited	
	~wetness (very limited)	1.00	~wetness (very limited)	1.00	~wetness (limited)	0.89	~seepage (very limited)	1.00	~hard to pack (limited)	0.70
	~poor filter (very limited)	1.00	~seepage (very limited)	1.00	~too clayey (limited)	0.65	~wetness (limited)	0.69	~wetness (moderately limited)	0.45
	~percs slowly (limited)	0.93			~flooding (rare) (moderately limited)	0.60	~flooding (rare) (moderately limited)	0.60	~too clayey (moderately limited)	0.38
63: Tiptonville----	Limited		Very limited		Moderately limited		Slightly limited		Slightly limited	
	~wetness (limited)	0.98	~wetness (very limited)	1.00	~wetness (moderately limited)	0.59	~wetness (slightly limited)	0.29	~wetness (slightly limited)	0.28
	~percs slowly (slightly limited)	0.25	~seepage (moderately limited)	0.50						

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Map symbol and soil name	Septic tank absorption field		Sewage lagoons		Sanitary landfill (trench)		Sanitary landfill (area)		Daily cover for landfill	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
64: Towosahgy-----	Very limited ~poor filter (very limited)	1.00	Very limited ~seepage (very limited)	1.00	Very limited ~too sandy (very limited) ~seepage (very limited)	1.00 1.00	Very limited ~seepage (very limited)	1.00	Very limited ~seepage (very limited) ~too sandy (very limited)	1.00 1.00
65: Tunica, RARELY FLOODED-----	Very limited ~wetness (very limited) ~percs slowly (very limited) ~flooding (rare) (moderately limited)	 1.00 1.00 0.60	Very limited ~wetness (very limited) ~seepage (slightly limited)	 1.00 0.18	Limited ~too clayey (limited) ~wetness (limited) ~flooding (rare) (moderately limited)	 0.90 0.89 0.60	Limited ~wetness (limited) ~flooding (rare) (moderately limited)	 0.69 0.60	Limited ~too clayey (limited) ~wetness (moderately limited)	 0.79 0.45
66: Wardell, RARELY FLOODED-----	Very limited ~wetness (very limited) ~poor filter (very limited) ~percs slowly (limited)	 1.00 1.00 0.93	Very limited ~seepage (very limited)	 1.00	Very limited ~wetness (very limited) ~seepage (very limited) ~flooding (rare) (moderately limited)	 1.00 1.00 0.60	Very limited ~seepage (very limited) ~wetness (very limited) ~flooding (rare) (moderately limited)	 1.00 1.00 0.60	Very limited ~seepage (very limited) ~wetness (very limited) ~too sandy (moderately limited)	 1.00 1.00 0.60
67: Orthents-----	Moderately limited ~slope (moderately limited)	0.37	Very limited ~slope (very limited)	1.00	Not Rated Not Rated Not Rated		Moderately limited ~slope (moderately limited)	0.37	Not Rated Not Rated ~slope (moderately limited)	 0.37
Water-----	Not rated		Not rated		Not rated		Not rated		Not rated	

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Map symbol and soil name	Septic tank absorption field		Sewage lagoons		Sanitary landfill (trench)		Sanitary landfill (area)		Daily cover for landfill	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
68: Pits-----	Not rated		Not rated		Not rated		Not rated		Not rated	
70: Falaya, OCCASIONALLY FLOODED-----	Very limited		Very limited		Very limited		Very limited		Moderately limited	
	~wetness (very limited)	1.00	~flooding (very limited)	1.00	~flooding (very limited)	1.00	~flooding (very limited)	1.00	~wetness (moderately limited)	0.60
	~flooding (very limited)	1.00	~wetness (very limited)	1.00	~wetness (very limited)	1.00	~wetness (limited)	0.99	~too acid (slightly limited)	0.30
	~percs slowly (moderately limited)	0.37	~seepage (slightly limited)	0.18	~too acid (slightly limited)	0.30				
M-W: Water-----	Not rated		Not rated		Not rated		Not rated		Not rated	
W: Water-----	Not rated		Not rated		Not rated		Not rated		Not rated	